

Intelligence

Mobile Electronic Warfare Support System – Product Improvement Program (MEWSS-PIP)

Description

MEWSS PIP is an advanced Electronic Warfare (EW) suite integrated into a Light Armored Vehicle (LAV). It provides the Marine Air Ground Task Force a mobile (MAGTF) EW system capable of operating in a wide variety of tactical situations. The MEWSS-PIP will intercept, identify, locate and exploit modern threat radio communications and battlefield radars; as well as disrupt or deny the threat's use of the electromagnetic spectrum. The program utilizes sensors developed under the U.S. Army Integrated EW Common Sensor Program, and has linkages to the National Security Agency's Defense Cryptologic Program.

Operational Impact

The MEWSS PIP serves as a significant force multiplier, providing friendly forces with a complete picture of communications and non-communications emitters in the area of operations. The MEWSS-PIP can provide targeting information to indirect fire centers, indications and warnings to local commanders, cross-cueing of other intelligence collection assets, and valuable signals intelligence for mission planning.

Program Status

MEWSS-PIP is currently in Low Rate Initial Production. IOT&E II is scheduled for FY01. Milestone III, followed by Full Rate Production, will occur in FY02.

Procurement Profile: FY01 FY02

Quantity: 0 0

Developer/Manufacturer

Prime Integrator:

Lockheed Martin Federal Systems, Oswego, NY

Major Subcontractors:

Lockheed Sanders, Nashua, NH

Rockwell Collins, Cedar Rapids, IA

Condor Systems, San Jose, CA

Marconi/Hazeltine, Greenlawn, NY

Sunstrand, Phoenix, AZ

Will-Burt, Diesel Division General Motors,
Ontario, Canada

Ellis & Watts, Cincinnati, OH

Tecmotiv, Niagara Falls, NY

